

## SHARED SERVICE MESSAGING MODELS

### ABSTRACT

An application architecture is provided in which applications have action handler components to service requests from clients and view handler components to format responses to the clients. Application component can access functionality provided by remote shared services via a local messaging service of the application. To communicate with a shared service, the local messaging service identifies a proxy of the shared service and sends a message to the proxy for forwarding to the shared service. The local messaging service can receive requests to communicate using different messaging models. At least some of the remote services support multiple messaging models, some by having distinct proxies for each of the supported messaging models. The local messaging service will communicate with an appropriate proxy to communicate using a specified messaging models, and may simulate use of the messaging model if a proxy supporting the messaging model is not available.

TOP SECRET//SI